

WHAT IS CLAIMED IS:

- 1                   1.       A method for generating a preview of a content package file, the  
2 method comprising:  
3                   retrieving first level content files referred to in the content package file;  
4                   extracting content from the first level content files and replacing references to  
5 the first level content files in the content package file with the content from the first level  
6 content files to create a combined file; and  
7                   creating a preview of at least a portion of the content package file based on the  
8 content in the combined file.
- 1                   2.       The method according to claim 1 wherein the preview of the content  
2 package file includes meta-data about the first level content files.
- 1                   3.       The method according to claim 1 further comprising:  
2                   determining whether the first level content files contain references to second  
3 level content files.
- 1                   4.       The method according to claim 3 further comprising:  
2                   if the first level content files contains references to second level content files,  
3 retrieving the second level content files;  
4                   extracting content from the second level content files and replacing the  
5 references with content from the second level content files.
- 1                   5.       The method according to claim 4 wherein the preview of the content  
2 package file contains information about the first level and the second level content files in an  
3 hierarchical format.
- 1                   6.       The method according to claim 5 wherein the hierarchical format of  
2 the preview is expandable to view the information about the first level and the second level  
3 content files.
- 1                   7.       The method according to claim 1 further comprising:  
2                   importing the content package file to a portal server computer.
- 1                   8.       The method according to claim 7 further comprising:

2 storing the content package file and the first level content files on the portal  
3 server computer, wherein the first level content files overwrite duplicative files that are stored  
4 on the portal server computer.

1 9. The method according to claim 7 further comprising:  
2 storing the content package file and the first level content files on the portal  
3 server computer, wherein the first level content files do not overwrite duplicative files that  
4 are stored on the portal server computer.

1 10. The method according to claim 1 further comprising:  
2 displaying a notification if any of the references to any content files contain  
3 errors.

1 11. A computer program product for previewing a content package file  
2 comprising code stored on a computer readable medium, the code comprising:  
3 code for fetching first level content files referred to in the content package file;  
4 code for obtaining content from the first level content files and replacing  
5 references to the first level content files in the content package file with the content from the  
6 first level content files to create a combined file; and  
7 code for generating a preview of the content package file based on the content  
8 in the combined file.

1 12. The computer program product of claim 11 further comprising:  
2 code for displaying a notification if any of the references to the first level  
3 content files contain errors.

1 13. The computer program product of claim 11 further comprising:  
2 code for determining whether any of the first level content files contain  
3 references to second level content files.

1 14. The computer program product of claim 13 further comprising:  
2 code for fetching the second level content files referred to in the first level  
3 content files;  
4 code for obtaining content from the second level content files;  
5 code for replacing the references to the second level content files with the  
6 content from the second level content files to create the combined file.

1                   15.     The computer program product of claim 14 wherein the code for  
2     previewing the content package file displays the content from the first level and the second  
3     level content files in an hierarchical format.

1                   16.     The computer program product of claim 15 wherein the hierarchical  
2     format is expandable to view the content from the first level and the second level content  
3     files.

1                   17.     The computer program product of claim 11 further comprising:  
2                   code for importing the content package file to a portal server computer.

1                   18.     The computer program product of claim 11 further comprising:  
2                   code for storing the content package file and the first level content files on the  
3     portal server computer so that the first level content files do not overwrite duplicative files  
4     stored on the portal server computer.

1                   19.     A computer system that previews a content package file containing  
2     references to content files, the computer system comprising:  
3                   a portal server that fetches content files referenced within the content package  
4     file, replaces references to the content files with content extracted from the content files to  
5     create a combined file, and creates a preview screen of the content package file and the  
6     content files using the combined file; and  
7                   a client that displays the preview screen.

1                   20.     The computer system according to claim 19 wherein the preview  
2     screen displays a notification if any of the references contain errors.

1                   21.     The computer system according to claim 19 wherein the preview  
2     screen displays the content from the content files in an hierarchical format.

1                   22.     The computer system according to claim 19 wherein the portal server  
2     imports the content package file and the content files from the client if a user selects an  
3     import option after viewing the preview screen.

1                   23.     The computer system according to claim 19 wherein the content files  
2     include first level content files and second level content files.

1                    24.     The computer system according to claim 19 wherein the preview  
2     screen displays meta-data about the content files.